

U. S. ENVIRONMENTAL PROTECTION AGENCY

POLLUTION REPORT

DATE: November 11, 1987

Region II
Response and Prevention Branch
Edison, New Jersey 08837

(201) 548-8730 - Commercial & FTS
24 Hour Emergency

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TAT

POLREP NO.: Twenty-three (23)
INCIDENT/SITE NO.: Arkansas Chemical Company/T9
POLLUTANT: Textile chemicals and intermediates
CLASSIFICATION: Major
SOURCE: Abandoned chemical facility
LOCATION: Newark, New Jersey
AMOUNT: 20,000 containers of various chemicals, 1500
drums (600 empty), 87 indoor and outdoor
tanks of which less than ten hold oil, acid,
and unknowns
WATER BODY: None

1. SITUATION

- A. The Arkansas Chemical Company produced textile and other specialty chemicals at its Newark facility until it was abandoned in 1983. Abandoned on this site are a two-story office/laboratory building (Bldgs. 25/30), a machine shop (Bldg. 26), a small chemical processing building (Bldg. 27), a large four-story chemical process building (Bldg. 28), a boiler room/tank house (Bldgs. 16 & 46B), a storage building (Bldg. 24), and two sheds (S1 & S2). About 1500 drums and 20,000 small containers of chemicals exist in these buildings. In addition, there are approximately 17 aboveground storage tanks and 70 process tanks/reaction vessels.

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2. ACTION TAKEN:

- A. To date, the following materials have been contained into bulking chambers and the emptied drums have been staged in building 24 awaiting decontamination and shredding:
- 1) base/neutral liquids (approx. 27% of waste streams)
 - 2) flammable and organic liquids (approx. 15% of waste streams)
- ERCS continues with bulking of liquid wastes into the waste streams previously identified.
- B. EPA/TAT and ERCS continue to enter 1900-55 data into the Removal Cost Management System (RCMS). RCMS is now on line and is being used to track daily costs incurred throughout the removal action.
- C. Chem Waste Management (CWM) and ERCS continue with lab packing operation. To date, a total of 400 fiber packs have been completed. ERCS is maintaining a computerized data base to track progress of this operation. Four hundred fiber packs are expected to be shipped out on November 13, 1987 to the Trans Waste Incineration Facility in Sauget, Illinois.
- D. ERCS continues to wrap asbestos insulation around pipes and process vessels in building 28.
- E. EPA and ERCS continue to use the consultative services of two former chemists/production managers of the Arkansas Chemical Company during the lab packing operation. These former employees have been essential in identifying previously unknown wastes.

3. FUTURE PLANS AND RECOMMENDATIONS:

- A. ERCS' Health and Safety Officer will continue air monitoring and sampling (including asbestos air monitoring).
- B. EPA will continue to provide 24 hour site security.
- C. An approved subcontractor will perform on-site decontamination and shredding of the empty drums following the completion of the bulking operation.
- D. EPA and TAT will evaluate the bids submitted by subcontractors for decontaminating the floors of building 28 using a high pressure water system.

4. FINANCIAL ACCOUNTING:

- | | |
|-------------------------------------|--------------|
| A. Total Project Ceiling Authorized | \$ 1,966,009 |
| B. Mitigation Contract Ceiling | \$ 1,598,009 |

C. Expenditures for Mitigation Contracts

1. a.	Amount obligated to ERCS contractor for Delivery Orders #6893-02-073 and #7445-02-008 (DCNs KCS - 361, 629, 633, 710, 726, 730, KE - 0001, 0027) as of November 11, 1987.	\$ 1,025,380
1. b.	Amount de-obligated due to contract rollover	\$ 1,991
1. c.	Total amount obligated to date	\$ 1,023,389
1. d.	Estimated mitigation expenditures as of November 11, 1987	\$ 731,059
1. e.	Balance Remaining	\$ 292,330
D.	Unobligated Balance Remaining	\$ 572,629
E.	Estimate of Total Expenditures to Date for All Mitigation Contracts	\$ 731,059
F.	Other Extramural Costs as of November 11, 1987	
1. a.	TAT Salary/Travel (estimated)	\$ 58,755
b.	Analytical Costs	\$ 6,628
G.	Intramural Costs as of November 11, 1987	
1. a.	EPA Salary/Travel (estimated)	\$ 31,910
H.	Total Expenditures	\$ 828,279
	Percent of Total Project Ceiling	42.1%
	Percent of \$2 Million	41.4%

FINAL POLREP _____ FURTHER POLREPS FORTHCOMING ☒ SUBMITTED BY: Mark P. Pane
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DATE RELEASED: NOVEMBER 13, 1987